Amendments to the claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (***original***) A method for preparing peptides having selectively protected amines of untargeted sites, comprising synthesizing the peptide by separately blocking branched amines of targeted sites and branched amines of untargeted sites with either ivDde or Mtt, and Boc, and protecting N^{α}-amine with Fmoc or Nsc.

2. (***currently amended***) The method ~~in~~of Claim 1, further comprising substituting the amine protecting groups for amines of untargeted sites including N^{α}-amine with at least one final amine protecting group selected from the group consisting of Fmoc, Nsc, Dde and ivDde.

3. (***currently amended***) The method ~~in~~of Claim 1, further comprising substituting the amine protecting group for amines of untargeted sites including N^{α}-amine with Boc.

4. (***currently amended***) The method ~~in any one~~ of Claims 1 ~~to 3~~, ~~in which~~wherein the peptide synthesis is performed by solid phase synthesis.

5. (***currently amended***) The method ~~in any one~~ of Claims 1 ~~to 3~~, ~~in which~~wherein the peptide ~~sequence~~ is divided into at least two fragments, the fragments are synthesized separately, and then the fragments are condensed to form the peptide.

6. (***currently amended***) Peptides having selectively protected amines of untargeted sites prepared by the method ~~in any one~~ of Claims 1 ~~to 5~~.

7. (***currently amended***) The peptides ~~in~~of Claim 6, ~~in which~~wherein said peptide is calcitonin or GRF(1-29).

8. (***currently amended***) A method for preparing specifically conjugated PEG-peptide in which PEG is specifically conjugated to amines of targeted sites, comprising:

(1) ~~a step of~~ reacting the peptide ~~in~~of Claim 6 with activated PEG; and

(2) ~~a step of~~ removing the amine protecting group of the compound obtained in the step (1) under acid-base deblocking conditions.

9. (***currently amended***) The method ~~in~~of Claim 8, further comprising a step of purifying the product of ~~the~~ step (2).

10. (***currently amended***) The method ~~in~~of Claim 9, ~~in which~~wherein said purification step comprises separating the product by ionic exchange chromatography, removing salt and then drying.

11. (***currently amended***) The method ~~in any one~~ of Claims 8 ~~to 10~~, ~~in which~~wherein said activated PEG is linear or branched hydroxyl- or methoxy-type alkylating or acylating PEG of molecular weight in a range of 1,000 to 40,000.

12. (***currently amended***) The method ~~in~~of Claim 11, ~~in which~~wherein said activated PEG is at least one selected from the group consisting of mono-methoxy poly(ethyleneglycol)succinimidyl succinate, mono-methoxy poly(ethylenelycol)succinimidyl propionate, mono-methoxy poly(ethyleneglycol)succinimidyl carbonate, mono-methoxy poly(ethyleneglycol)succinimidyl carbamate and mono-methoxy poly(ethyleneglycol)succinimidyl tresylate.